

P29287.A03



Application No. 10/772,446

IPW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Takahiro KOMATSU et al.

Group Art Unit : 2622

Appl. No. : 10/772,446

Examiner : NGOC YEN T. VU

Filed : February 6, 2004

Confirmation No. : 5164

For : INFORMATION READING UNIT AND INFORMATION READING
DEVICE USING THE SAME

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
U.S. Patent and Trademark Office
Customer Service Window, Mail Stop AMENDMENT
Randolph Building
401 Dulany Street
Alexandria, VA 22314

Sir :

In accordance with the duty of disclosure under 37 C.F.R. §§ 1.56 and 1.97-1.98,
and supplemental to the Information Disclosure Statement filed on February 6, 2004,
Applicants hereby make the following additional information of record:

- (1) U.S. Patent Application Publication No. 2005/0217722 to KOMATSU et al.,
which published on October 6, 2005;
- (2) U.S. Patent Application Publication No. 2005/0195318 to KOMATSU et al.,
which published on September 8, 2005;
- (3) U.S. Patent Application Publication No. 2005/0005964 to KOMATSU, which
published on January 13, 2005;
- (4) U.S. Patent Application Publication No. 2005/0022856 to KOMATSU et al.,
which published on February 3, 2005;
- (5) U.S. Patent No. 5,331,183;

- (6) M.K. Naseeruddin, et al., "Conversation of Light to Electricity by *cis*-X₂Bis(2,2'-bipyridyl-4,4'-dicarboxylate) ruthenium (II) Charge-Transfer Sensitizers (X=Cl⁻, Br⁻, I⁻, CN⁻, and SCN⁻) on Nanocrystalline TiO₂ Electrodes," *J. Am. Chem. Soc.* pp. 6382-6390 (1993);
- (7) P. Peumans et al., "Very-high-efficiency double-heterostructure copper phthalocyanine/C₆₀ photovoltaic cells," *Applied Physics Letters*, vol. 79, No. 1, pp. 126-128 (July 2, 2001);
- (8) G. Yu et al., "Polymer Photovoltaic Cells: Enhanced Efficiencies via a Network of Internal Donor-Acceptor Heterojunctions," *Science*, vol. 270, pp. 1789-1791 (December 15, 1995);
- (9) U.S. Patent No. 5,350,459;
- (10) U.S. Pat. Application Pub. No. 2003/0180998;
- (11) U.S. Patent No. 5,698,048;
- (12) U.S. Patent No. 5,216,331;
- (13) U.S. Pat. Application Pub. No. 2005/0173712;
- (14) U.S. Patent No. 6,917,058;
- (15) U.S. Pat. Application Pub. No. 2003/0098475;
- (16) U.S. Patent No. 6,198,853;
- (17) EP 1 447 860 A1;
- (18) U.S. Patent No. 6,233,027;
- (19) U.S. Pat. Application Pub. No. 2002/0090772;
- (20) U.S. Pat. Application Pub. No. 2003/0189235;
- (21) U.S. Patent No. 5,264,048;

- (22) U.S. Patent No. 6,081,632;
- (23) English language abstract of JP 4-86155;
- (24) English language abstract of JP 61-27675;
- (25) Gang Yu et al., "High Sensitivity Polymer Photosensors for Image Sensing Applications," Synthetic Metals 102, pp. 904-907 (1999);
- (26) U.S. Patent No. 5,454,880;
- (27) JP 8-500701, along with English language family member WO 94/05045;
- (28) U.S. Patent No. 6,300,612;
- (29) U.S. Pat. Application Pub. No. 2002/0055015;
- (30) U.S. Patent No. 5,710,484;
- (31) EP 1 289 028;
- (32) EP 1 353 388;
- (33) S. Tokito et al., "Metal Oxides as a Hole-Injecting Layer for an Organic Electroluminescent Device," Journal of Physics D. Applied Physics, IOP Publishing, Bristol GB, Vol. 29, No. 11, pp. 2750-2753, XP 000694594 (November 14, 1996).

Further to 37 C.F.R. §1.98, copies of the above-noted U.S. patents and U.S. patent application publications are not enclosed herewith. However, if any copies are needed, the Examiner is respectfully requested to contact the undersigned.

Applicants respectfully request that the Examiner consider the above material and cite the same. The above-noted documents are listed on an attached PTO-1449 Form. The Examiner is requested to initial the appropriate spaces on the attached

Form and to return a copy of the completed Form to Applicants with the next official communication in the present application.

Applicants note that an Office Action on the merits has not issued in the present application, and thus, no fee is believed necessary to ensure consideration of the submitted material. However, if an Office Action on the merits has issued and is crossing this statement in the mail, the undersigned authorizes the charging of any fee necessary for the consideration of this statement, including any payment under 37C.F.R. §1.17 (p), to Deposit Account No. 19-0089.

Should the Examiner have any questions, the Examiner is invited to contact the undersigned at the below-listed telephone number.

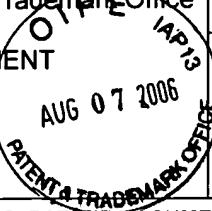
Respectfully Submitted,
Takahiro KOMATSU et al.


Bruce H. Bernstein
Reg. No. 29,027

July 28, 2006
GREENBLUM & BERNSTEIN, P.L.C.
1950 Roland Clarke Place
Reston, VA 20191
(703) 716-1191


Wesley A. Nicolas
Reg. No. 56,129

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FORM PTO-1449			U.S. Department of Commerce Patent and Trademark Office		Atty. Docket No. P29287	Application No. 10/772,446
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)					Applicant Takahiro KOMATSU et al.	
					Filing Date February 6, 2004	Group 2622

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	2005	0 2 1 7 7 2 2	10/06/05	KOMATSU et al			
	2005	0 1 9 5 3 1 8	09/08/05	KOMATSU et al			
	2005	0 0 0 5 9 6 4	01/13/05	KOMATSU			
	2005	0 0 2 2 8 5 6	02/03/05	KOMATSU et al			
		5 3 3 1 1 8 3	07/19/94	SARICIFTCI et al.			
		5 3 5 0 4 5 9	09/27/94	SUZUKI et al.			
	2003	0 1 8 0 9 9 8	09/25/03	YOKOHAMA et al.			
		5 6 9 8 0 4 8	12/16/97	FRIEND et al.			
		5 2 1 6 3 3 1	06/01/93	HOSOKAWA et al.			
	2005	0 1 7 3 7 1 2	08/11/05	NAKAJIMA			
		6 9 1 7 0 5 8	07/12/05	NIIGAKI et al.			
	2003	0 0 9 8 4 7 5	05/29/03	UEDA			
		6 1 9 8 8 5 3	03/06/01	YAMADA			
		6 2 3 3 0 2 7	05/15/01	UNNO et al.			
	2002	0 0 9 0 7 7 2	07/11/02	HIGASHI			
	2003	0 1 8 9 2 3 5	10/19/03	WATANNABE et al.			
		5 2 6 4 0 4 8	11/23/93	YOSHIKAWA et al.			
		6 0 8 1 6 3 2	06/27/00	YOSHIKAWA et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO
		1 4 4 7 8 6 0	08/18/04	E.P.O				
	8	- 5 0 0 7 0 1	01/23/96	JAPAN				
		1 2 8 9 0 2 8	05/03/03	E.P.O				
		1 3 5 3 3 8 8	10/15/03	E.P.O				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

1	M.K. Naseeruddin, et al., "Conversation of Light to Electricity by cis-X ₂ Bis(2,2'-bipyridyl-4,4'-dicarboxylate) ruthenium (II) Charge-Transfer Sensitizers (X=Cl ⁻ , Br ⁻ , I ⁻ , CN ⁻ , and SCN ⁻) on Nanocrystalline TiO ₂ Electrodes," J. Am. Chem. Soc. pp. 6382-6390 (1993).
2	P. Peumans et al., "Very-high-efficiency double-heterostructure copper phthalocyanine/C ₆₀ photovoltaic cells," Applied Physics Letters, vol. 79, No. 1, pp. 126-128 (July 2, 2001).
3	G. Yu et al., "Polymer Photovoltaic Cells: Enhanced Efficiencies via a Network of Internal Donor-Acceptor Heterojunctions," Science, vol. 270, pp. 1789-1791 (December 15, 1995).
4	English language abstract of JP 61-6390.

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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		5 4 5 4 8 8 0	10/03/95	SARICIFTCI et al.				
		6 3 0 0 6 1 2	10/09/01	YU				
2002		0 0 5 5 0 1 5	06/09/02	SATO et al.				
		5 7 1 0 4 8 4	01/20/98	IWANAGA et al.				
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO
94	/	0 5 0 4 5	03/03/94	W.I.P.O				
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
	5	English language abstract of JP 4-86155.						
	6	Gang Yu et al., "High Sensitivity Polymer Photosensors for Image Sensing Applications," Synthetic Metals 102, pp. 904-907 (1999).						
	7	S. Tokito et al., "Metal Oxides as a Hole-Injecting Layer for an Organic Electroluminescent Device," Journal of Physics D. Applied Physics, IOP Publishing, Bristol GB, Vol. 29, No. 11, pp. 2750-2753, XP 000694594 (November 14, 1996).						
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